AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A portable wireless memory module for storing data, said module comprising:

~~at least one memory device;~~

a transmitter/receiver circuit for (i) wirelessly receiving data and commands communicated to said module from a processing system and (ii) wirelessly transmitting stored data from said module;

at least one memory device for storing said data received by and sent from said transmitter/receiver circuit; and

a controller in communication with said at least one memory device and said transmitter/receiver circuit for storing data in said memory device received by said transmitter/receiver circuit and for ~~returning~~ retrieving stored data from said memory device for transmission by said transmitter/receiver circuit from said module.

2. (Original) A memory module according to claim 1, wherein said wireless transmission and reception uses radio waves.

3. (Currently Amended) A memory module according to claim 2, wherein ~~the frequency of~~ said radio waves ~~is~~ have a frequency in the range of about 900 MHz to about 10 GHz.

4. (Original) A memory module according to claim 2, wherein said radio waves are Bluetooth™ compliant radio waves.

5. (Currently Amended) A memory module according to claim 2, wherein said transmitter/receiver automatically establishes a radio wave communications path with a processing system when ~~in the~~ within a vicinity of ~~another transmitter/receiver which transmits data to or receives data from said module~~ the processing system which is sufficient to establish a wireless communications path.

6. (Original) A memory module according to claim 3, wherein said frequency is about 2.4 GHz.

7. (Original) A memory module according to claim 1, wherein said wireless transmission and reception uses light waves.

8. (Original) A memory module according to claim 1, further comprising a self-contained electrical power supply unit at said module for providing operating power to electrical components at said module.

9. (Original) A memory module according to claim 8, wherein said power supply unit comprises at least one battery.

10. (Original) A memory module according to claim 9, wherein said at least one battery is rechargeable.

11. (Original) A memory module according to claim 10, said power supply unit further comprising terminals for communicating with a recharger for recharging said at least one rechargeable battery.

12. (Original) A memory module according to claim 1, wherein said memory device comprises a dynamic random access memory device.

13. (Original) A memory module according to claim 1, wherein said memory device comprises a flash memory device.

14. (Currently Amended) A processor system for communicating with a portable wireless memory module, said processor system comprising:

at least one memory device;

a transmitter/receiver circuit for (i) wirelessly receiving data communicated to said processor system from said portable memory module and (ii) wirelessly transmitting data and commands from said processor system to said portable memory module; and

~~a controller in communication with said at least one memory device and said transmitter/receiver circuit for storing data in said memory device received by said transmitter/receiver circuit and for returning data from said memory device for transmission by said transmitter/receiver circuit from said system~~

a recharger for recharging a power supply in said portable memory module when said portable memory module is detachably connected to said recharger.

15. (Original) A processor system according to claim 14, wherein said wireless transmission and reception uses radio waves.

16. (Currently Amended) A processor system according to claim 15, wherein ~~the frequency of~~ said radio waves ~~is~~ have a frequency in the range of about 900 MHz to about 10 GHz.

17. (Original) A processor system according to claim 15, wherein said radio waves are Bluetooth™ compliant radio waves.

18. (Currently Amended) A processor system according to claim 15, wherein said transmitter/receiver automatically establishes a radio wave communications path with the portable memory module when ~~in the~~ within a vicinity of ~~another transmitter/receiver which transmits data to or receives data from said system~~ the portable memory module which is sufficient to establish a wireless communications path.

19. (Original) A processor system according to claim 16, wherein said frequency is about 2.4 GHz.

20. (Original) A processor system according to claim 14, wherein said wireless transmission and reception uses light waves.

21. (Currently Amended) A processor system according to claim 14, ~~further comprising a recharger for providing operating power to electrical components~~ wherein the rechargeable power supply of said module comprises a battery.

22. (Currently Amended) A system for the ~~portable~~ wireless transfer of data, said ~~portable~~ wireless data transfer system comprising:

(a) a first processor system comprising:

at least one first processor system memory device;

a first processor system transmitter/receiver circuit for (i) wirelessly receiving data communicated to said first processor system and (ii) wirelessly transmitting data and commands from said first processor system; and

a first processor system controller in communication with said at least one first processor system memory device and said first processor system transmitter/receiver circuit for storing data in said memory device received by said transmitter/receiver circuit and for ~~returning~~ retrieving data from said memory device for transmission by said transmitter/receiver circuit from said first processor system; and

(b) a portable memory module comprising:

at least one memory module memory device for storing data;

a memory module transmitter/receiver circuit for (i) wirelessly receiving data to be stored and commands communicated to said module from said first processor system and (ii) wirelessly transmitting stored data from said module; and

a memory module controller in communication with said at least one memory module memory device and said memory module transmitter/receiver circuit for storing data in said portable memory module memory device received by said portable memory module transmitter/receiver circuit and for ~~returning~~ retrieving stored data from said portable memory module memory device for transmission by said portable memory module transmitter/receiver circuit from said module.

23. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 22, said ~~portable~~ wireless data transfer system further comprising:

a second processor system comprising:

at least one second processor system memory device;

a second processor system transmitter/receiver circuit for (i) wirelessly receiving data communicated to said second processor system and (ii) wirelessly transmitting data and commands from said second processor system; and

a second processor system controller in communication with said at least one second processor system memory device and said second processor system transmitter/receiver circuit for storing data in said second processor system memory device received by said second processor system transmitter/receiver circuit and for ~~returning~~ retrieving data from said second processor system memory device for transmission by said second processor system transmitter/receiver circuit from said second processor system.

24. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 22, wherein said wireless transmission and reception uses radio waves.

25. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 22, wherein ~~the frequency of~~ said radio waves ~~is~~ have a frequency in the range of about 900 MHz to about 10 GHz.

26. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 22, wherein said radio waves are Bluetooth™ compliant radio waves.

27. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim ~~22~~ 23, wherein said first processor system transmitter/receiver, said memory module transmitter/receiver and said second processor system transmitter/receiver automatically establish a radio wave communications path between said memory module and either of said first or second processor system when ~~in the~~ within a vicinity ~~of another transmitter/receiver which transmits or receives data~~ sufficient to establish a wireless communications path.

28. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 25, wherein said frequency is about 2.4 GHz.

29. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 22, said memory module further comprising a self-contained electrical power supply unit at said module for providing operating power to electrical components at said module.

30. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 29, wherein said power supply unit comprises at least one battery.

31. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 30, wherein said at least one battery is rechargeable.

32. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 31, said power supply unit further comprising terminals for communicating with a recharger for recharging said at least one rechargeable battery.

33. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim 32, wherein said recharger is a stand-alone recharger.

34. (Currently Amended A system for the ~~portable~~ wireless transfer of data according to claim 32, wherein said first processor system comprises said recharger.

35. (Currently Amended) A system for the ~~portable~~ wireless transfer of data according to claim ~~32~~ 22, wherein said wireless transmission and reception uses light waves.

36. (Currently Amended) A method of ~~portable~~ wireless data transfer, said method comprising:

wirelessly transmitting data from a first processor system to a portable memory module; ~~and~~

receiving with said portable memory module said data transmitted from the first processor system and storing said received data at said memory module; and

wirelessly transmitting stored data from said portable memory module to said first processor system or a second processor system.

37. (Currently Amended) A method according to claim 36, ~~further comprising:~~

wherein wirelessly transmitting said ~~received and~~ stored data from said portable memory module ~~to a processor system~~ comprises wirelessly transmitting said data to said second processor system.

38. (Original) A method according to claim 36, wherein said wireless transmission and reception uses radio waves.

39. (Currently Amended) A method according to claim 38, wherein ~~the frequency of~~ said radio waves ~~is~~ have a frequency in the range of about 900 MHz to about 10 GHz.

40. (Original) A method according to claim 38, wherein said radio waves are Bluetooth™ compliant radio waves.

41. (Currently Amended) A method according to claim 36, ~~wherein said wireless transmission and reception~~ further comprising automatically ~~establishes~~ establishing a radio wave communications path between said portable memory module and

said first processor system when ~~in the~~ said portable memory module and said first processor system are within a sufficiently close vicinity of ~~other wireless transmission and reception which transmits data to or receives data from said module and said processor system~~ one another to establish a wireless communications path.

42. (Currently Amended) A method according to claim ~~35~~ 36, wherein said frequency is about 2.4 GHz.

43. (Original) A method according to claim 36, wherein said wireless transmission and reception uses light waves.

44. -53 (Cancelled)

54. (New) A memory module according to claim 1, wherein said data comprises data files.

55. (New) A wireless portable memory module system comprising:

a recharger for detachably receiving and recharging thereat a portable memory module having a rechargeable power supply; and

said portable memory module comprising:

a memory device for storing data;

a transmitter/receiver for wirelessly exchanging data with a processor system;

a controller coupled to said transmitter/receiver for receiving data and storing said received data in said memory device and for retrieving stored data from said memory device for transmitting said stored data from said memory module; and

a rechargeable power supply.

56. (New) The system of claim 55, wherein said recharger is a stand-alone recharging station.

57. (New) The system of claim 55, wherein said recharger is part of a processing system having a processor.

58. (New) The system of claim 55, wherein said rechargeable power supply is a battery and said recharger is a battery charger.

59. (New) The system of claim 55, wherein the reccharger comprises a plug for receiving and connecting to said portable memory module

60. (New) The system of claim 59, wherein said portable memory module further comprises at least one terminal at said rechargeable power supply for connection with said plug.